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for the

Newark Rural District

BY

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

Medical Officer of Health



Report of Sanitary Inspector appended.



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NEWARK RURAL DISTRICT COUNCIL.

Chairman: Mr. M. C. Horner, J.P.

Vice Chairman: Mr. W. F. Bailey.

Lt. Col. H.L.V. Beddington	Mr. C. Knott, J.P.
Mrs. H.E. Bilton	Mr. F.E. Lockwood
Mrs. F.K. Boothby	Mr. T.D. Mosscrop
Mr. R.D.K. Bradley	Mr. C.E. Parker
Mr. W.L. Brown	Mr. F. Presland
Mrs. T.L.C. Curtis	Mr. F.E. Pykett
Mr. W.H. Coupland	Mr. G.A. Ross
Mr. A.A. Eddowes	Dr. G. Sheppard
Mr. G.A. Fillingham	Col. R.A. Stewart
Mr. C.M. Fordham	Mr. T.A. Townsend
Mr. L. Gamage	Mr. W.S. Wells
Mr. T. Gourley	Mr. A.E. Willows
Mrs. D.I. Grainger	Mr. G.E. Pennington

Medical Officer of Health:

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

Sanitary Inspector:

W. M. TAYLOR, Cert. R.S.I. and S.I.J.B., R.S.I. Meat I. Cert., Sanitary Science (R.S.I.) Cert., Housing Manager (Institute of Housing) Cert.

Clerical Staff:

Mr R. E. HILL.

Clerk to the Council:

H. G. PEARSON, 24, Lombard Street, Newark.

Public Health Department,
The Friary,
Appletongate,
Newark.

1st August, 1953.

To the Chairman and Members of Newark Rural District Council.

Sir, Ladies and Gentlemen,

I beg to submit my Annual Report on the vital statistics, health and sanitary circumstances of the District for the year 1952.

The report is of the ordinary type and is compiled in accordance with Circular 2/53 of the Ministry of Health and, in compliance with your instructions, is separated from my two other districts reports and is stencilled.

The water supply has been mentioned in many of my previous Annual Reports but at the time of writing has been satisfactorily completed as far as large main laying was concerned. Each parish now has a piped supply available and it is a minor matter to lay extensions to smaller groups of houses and to farms.

Apart from the larger concentrations of population at Balderton, Collingham and Farndon, the housing situation is beginning to cease to cause anxiety and the time is approaching when a survey of old property will be a necessity. There are many houses which do not come within the concept of healthy dwellings and a proportion of these cannot be made fit at reasonable cost and will have to be considered for demolition. Such a survey, unfortunately, cannot be made with only a part time Sanitary Inspector whose Surveyor duties have, within the past few years, been greatly increased - council house maintenance, water supplies, etc. Whilst I realise that additional staff in either the public health department or the housing department costs money, increasing duties cannot be covered for all time by the same number of personnel.

Included in the Report are statistics kindly supplied by the County Medical Officer relating to the personal health services maintained in the District by the County Council.

I wish to express my thanks to the Chairman and members of the Council for their support throughout the year and to the other departments for their co-operation with the Health Department. I also desire to record my gratitude to the Public Health Staff for their efficient service.

I am,

Your obedient servant,

G.G. BUCHANAN.

NEWARK RURAL DISTRICT COUNCIL.

Statistical Summary for 1952.

Population	11,248
Birth rate per 1,000 population	16.7 (15.3)
Death rate per 1,000 population	11.5 (11.3)
Infantile Mortality rate per 1,000 births	37.2 (27.6)
Area of District	41,550 acres
Number of inhabited houses at the end of 1952 ..	3,376
Rateable Value	£46,786
Sum represented by penny rate	£188

Vital Statistics for the Year 1952

BIRTHS

			Total	Males	Females
Live Births	...	...	188	86	102
Legitimate	...	...	182	83	99
Illegitimate	...	...	6	3	3
Birth Rate per 1,000 estimated population	...	...	16.7		
Still Births	...	...	3	1	2
Legitimate	...	...	3	1	2
Illegitimate	...	...	-	-	-
Still Birth Rate per 1,000 total (live and still) births			15.7		
Still Birth Rate per 1,000 population	...	...	0.27		

DEATHS

			Total	Males	Females
			129	66	63
Death Rate per 1,000 estimated population	...	...	11.5		

MATERNAL MORTALITY

Deaths caused through pregnancy, childbirth, or abortion	1
Rate per 1,000 total (live and still) births	5.2

INFANT MORTALITY (under 1 year of age)

			Total	Males	Females
Number of deaths	...	...	7	3	4
Legitimate	...	...	7	3	4
Illegitimate	...	...	-	-	-

(under 4 weeks of age)

			Total	Males	Females
Number of deaths	...	...	5	3	2
Legitimate	...	...	5	3	2
Illegitimate	...	...	-	-	-

Infant Mortality Rates:	
All infants per 1,000 births	37.2
Legitimate infants per 1,000	
Legitimate live births	38.5
Illegitimate infants per 1,000	
illegitimate live births	Nil

Deaths from Measles (all ages)	Nil
Death from Whooping Cough (all ages)	1

COMPARATIVE FIGURES

	Newark Rural District	England and Wales	160 x Smaller Towns
Live Birth Rate per 1,000 population	16.7	15.3	15.5
Still Birth Rate per 1,000 population	0.27	0.35	0.36
Death Rate per 1,000 population	11.5	11.3	11.2
Infantile Mortality Rate (per 1,000 related live Births)	37.2	27.6	25.8

x Towns with estimated resident population at 1951 census of 25,000 to 50,000.

Births

There was a decrease in the number of live births, 188 being registered compared with 200 in the previous year. Female births outnumbered the males by 16. Of the 188 births 6 were illegitimate, this being 3 fewer than in 1951 and the lowest number for many years. The number of still births was 3.

The alteration in the birth rate was from 17.8 to 16.8.

The following table shows the birth rates for the past ten years:-

Year	Birth Rate	Year	Birth Rate
1943	21.0	1948	21.9
1944	23.9	1949	18.7
1945	19.7	1950	16.4
1946	17.8	1951	17.8
1947	20.5	1952	16.8

Live illegitimate births registered numbered 6 compared with 9 in the previous year:-

Year	Illegitimate Births	Year	Illegitimate Births
1943	11	1948	17
1944	18	1949	9
1945	17	1950	7
1946	15	1951	9
1947	17	1952	6

Deaths

The number of deaths registered increased from 120 to 129, the death rate rising from 10.7 to 11.5. This is a slightly higher rate than that for England and Wales which was 11.3

The following table indicates the number of deaths classified under the various causes.

Classified Cause of Death	Male	Female	Total
Tuberculosis of respiratory system	-	1	1
Whooping cough	-	1	1
Malignant Neoplasms:-			
Stomach	3	1	4
Lungs	1	1	2
All other sites	8	4	12
Vascular lesions of nervous system	8	14	22
Heart diseases	23	22	45
Other diseases of circulatory system	2	4	6
Pneumonia	2	1	3
Bronchitis	5	3	8
Nephritis	1	-	1
Pregnancy, childbirth or abortion	-	1	1
Congenital malformation	-	1	1
Violent causes	4	5	9
All other causes	9	4	13
TOTALS	66	63	129

Deaths from cancer and similar growths numbered 18. The ages at which death occurred were:-

	Male	Female
Under 40 years	-	-
40 to 50 years	1	-
50 to 60 years	2	-
60 to 70 years	2	3
70 to 80 years	4	2
Over 80 years	3	1
TOTALS	12	6

Maternal Mortality.

One death occurred as the result of childbirth. The patient was in hospital.

Infantile Mortality.

Seven babies under 1 year of age died. Of these 5 were less than 4 weeks old. The infantile mortality rate per 1,000 live births rose from 20.0 to 37.2.

The causes of death were:-

Cause	No. of deaths	
	M	F
Hydrocephalus (b) Meningocele	-	1
Broncho Pneumonia 2. Mongolism	-	1
Gunshot wound	-	1
Prematurity	2	1
Atelectasis (b) Intracranial Haemorrhage	1	-
	—	—
	3	4
	—	—

Natural Increase of Population.

The Natural Increase in population, i.e. cases of births over deaths, during the last ten years is shown in the following table.

Year	Natural Increase
1943	106
1944	122
1945	94
1946	71
1947	92
1948	113
1949	62
1950	65
1951	80
1952	59

GENERAL PROVISION OF HEALTH SERVICES

FOR THE AREA.

Treatment Centres and Clinics

Child Welfare Centres

Six Child Welfare Centres are maintained in the District by the County Council:-

Balderton	Collingham	Farndon	South Clifton	Kilvington
Syerston				

Sessions are held as follows:-

Balderton, Bullpit Lane	Thursday weekly	2 to 4.30 p.m.
Collingham, Public Hall	Tuesday fortnightly	2 to 4.30 p.m.
Farndon, Methodist Hall	Wednesday fortnightly	2 to 4.30 p.m.
South Clifton, Village Hall	Monday fortnightly	2 to 4.30 p.m.
Kilvington, Womens Institute	Wednesday fortnightly	2 to 4.30 p.m.
Syerston, R.A.F. Station	Tuesday fortnightly	2 to 4.30 p.m.

Ante-natal clinics are held monthly at Collingham, Farndon, Kilvington, South Clifton and Syerston during the Medical Officer's Session at the Child Welfare Centre.

At Balderton a separate session is held monthly on Monday from 9.30 a.m. to 12 noon.

School Clinics

A School Clinic is conducted by the County Council at Balderton, Bullpit Lane. Sessions are held weekly on Thursday from 9.30 a.m. to 12 noon.

Infectious Disease

The total number of notifications of infectious diseases received in 1952 was only 76 compared with 269 in the previous year. The district was remarkably free even from the common diseases viz. measles and whooping cough.

Measles

Eleven cases of measles were notified compared with 222 in 1951. The cases were widespread throughout the year. The age groups were:-

1 to 2 years - 1	5 to 10 years - 4
3 to 4 years - 4	11 to 15 years - 1
	over 20 years - 1

Whooping Cough

The number of whooping cough notifications rose from 7 in the previous year to 36 in 1952. The majority of the cases occurred in the Collingham area. Three children were removed to hospital with complications and recovered. One baby died at home, the complication being broncho-pneumonia. The age groups were:-

Under 1 year - 3	3 to 4 years - 9
1 to 2 years - 7	5 to 10 years - 16
	11 to 15 years - 1

Scarlet Fever

Thirteen notifications of scarlet fever were received. Ten of the cases occurred during the first six months of the year without any connecting link except in one family where two children were diagnosed at the same time. All the cases were mild in character and only two were admitted to hospital for isolation purposes. The age groups were:-

4 to 5 years - 1	10 to 15 years - 1
5 to 10 years - 10	20 to 35 years - 1

Diphtheria

For the sixth successive year no diphtheria was notified. This indicates the efficiency of the immunisation work carried out. Let one think for a moment of the child illness and incapacity which has been avoided and parental anxiety that has been saved. Yet there are still parents who "do not believe in all this". The continued freedom does not help to bring to the notice of parents the absolute necessity of having babies immunised if we are to continue our freedom. There are now few mothers with babies who have seen the results of infection by the germ of diphtheria, and have had to deal with the long period of convalescence after hospital treatment. It is essential that an increased number of babies must be immunised if we are to avoid risk of diphtheria again becoming common in our midst.

Immunisation: The work carried out under the arrangements was:-

	Primary	"Re-inforcement"	Total
By the health department	145 (167)	119 (137)	264 (304)
By general practitioners	72 (68)	23 (21)	95 (89)
Grand Total			359 (393)

The figures indicate the number for whom the doctors have sent in record cards. The figures in brackets are the 1951 figures.

These figures show an overall decrease in immunisation of 34 compared with last years numbers.

Smallpox

No case of smallpox occurred. Vaccination sessions were held regularly at various schools throughout the District in conjunction with immunisation sessions and private doctors also carried out vaccinations in their practices.

	1952	1951
Vaccinations under Local Health Authority	63	72
Vaccinations by Private Practitioners	47	65

Tuberculosis

Eight new cases of pulmonary tuberculosis and two of other types were notified compared with 10 and 3 respectively in the previous year. Of the 8 pulmonary cases two were children 10 and 8 years of age and two others were under 20 years of age. Both non pulmonary cases were school children.

Infantile Paralysis (Poliomyelitis)

No case of infantile paralysis was notified.

Pneumonia

Five notifications of pneumonia were received. In each case the patient was over 35 years of age.

Water Supply.

The piped water supply to the northern parishes and in the statutory supply area of Newark Corporation was satisfactory. The former, with the exception of North and South Collingham and Langford, is obtained from Lincoln

Corporation, The expected parishes obtain the supply from Newark Corporation in bulk. Barnby also is supplied from the Corporation in bulk. The supply to the southern parishes is from the Air Ministry Boreholme at Syerston and, as mentioned in the introduction, at the time of writing the mains are laid and the water is available in each of the southern parishes. The completion of this scheme brings the District within the category of those with a good piped supply to each parish. This is a marked step forward and a position with which the Council can be proud.

The position at the end of the year is set out below:-

	Piped Supply	
	With	Without
Councils Northern Scheme:		
Besthorpe	41	6
Broadholme	13	11
North Clifton	41	8
South Clifton	57	12
Girton	32	17
Harby	67	29
Spalford	19	2
S. Scarle	36	5
Thorney	33	21
Wigsley	11	5
Collingham Scheme:		
Collingham, North	292	50
Collingham, South	177	34
Langford	24	12
Holme	22	1
Barnby Scheme:		
Barnby	54	21
Councils Southern Scheme:		
Cotham	3	21
East Stoke	4	49
Elston	42	69
Syerston	14	21
Thorpe	2	18
Newark Statutory Area:		
Balderton	1097	187
Coddington	93	81
Farndon	272	85
Hawton	9	19
Winthorpe	35	30

Housing

The housing situation is steadily improving throughout the District. The following information indicates the position at 31st December, 1952.

Housing Waiting List:

Families without separate homes.	
Living with parents - In District	23
Living in rooms - In District	64
Living with parents - Outside District	13
Living in rooms - Outside District	34
Single Persons	17
Families with separate homes.	
Householders in the District	115
Householders outside the District	59

Housing Progress:

New Council Houses occupied	72
Re-lets of existing houses	10
Exchange of tenancies	2
Families in Balderton Hutments	33

Housing Statistics:

Number of houses erected during the year by Local Authority	72
By Private Enterprise	11
By Others (County Council)	1

Clean Food Campaign

No legal action was taken under the Clean Food Byelaws.

National Assistance Act, 1948. Section 47.

The authority of the Council was obtained to proceed for a court order for the compulsory removal to hospital of an old lady over 90 years of age. She was being looked after by a mentally defective woman who became unfit to give the necessary care either to herself or to the old lady. Fortunately, with the help of the medical practitioner and after considerable persuasion, voluntary admission was agreed to without legal procedure.

County Council Service

The following information relating to personal health (County Council services within the Newark Rural District) should be of interest and has kindly been supplied by the County Medical Officer.

Child Welfare Centres

	First Attendances			Total Attendances			Consultations	
	Moth-ers	In-fants	Child-ren	Moth-ers	In-fants	Child-ren	In-fants	Child-ren
Balderton	82	66	19	1451	905	716	203	151
Collingham	41	30	11	702	314	494	98	151
Farndon	23	21	2	557	343	312	92	72
South Clifton	10	10	2	238	81	184	42	70
Kilvington	15	11	7	171	76	128	53	79
Syerston	61	50	19	619	395	295	90	49
	232	188	60	3738	2114	2129	578	572

Ante-Natal Clinics:

	New Cases	Ante-Natal		Post Natal	
		Total Attend-ances	Medical Consul-tations	Total Attend-ances	Medical Consul-tations
Balderton	7	15	15	1	1
Collingham	-	-	-	-	-
Farndon	1	3	3	-	-
South Clifton	7	11	7	-	-
Kilvington	4	18	16	1	1
Syerston	16	58	49	7	7
	35	105	90	9	9

Home Nursing:

In general the Home Nursing Service is provided by the Nottinghamshire Nursing Federation and Associated and Affiliated District Nursing Associations, who act on behalf of the County Council under agency arrangements.

The following are the detailed statistics relating to the work of the Associations:

	No. of Nurses employed	No. of Visits paid	No. of cases attended
Balderton D.N.A.	1	2150	55
Collingham D.N.A.	1	1621	50
Thorney D.N.A.	1	1634	86
xElston and Orston D.N.A.	1	1355	147

xPart of the Association's area is ⁱⁿ the Bingham ~ Rural District.

Ambulance Facilities:

There are no Ambulance Stations situated in the Newark Rural District and the requirements of this area are met in the main by the vehicles and personnel of the Newark Ambulance Station.

Home Help Service.

The County Council Service providing for Newark Rural District is administered from a sub-office at the Town Hall, Newark, Telephone No. Newark 369.

Home Helps are available throughout the area where service is required owing to the presence in the household of any person who is ill, lying-in, an expectant mother, mentally defective, aged, or a child not over compulsory school age.

The charge for the service is 2s. 9d. per hour (raised from 2s. 6d. on the 9-2-53), but where the applicant is unable to afford this amount, the County Council's Scale of Assistance is applied.

INFECTIOUS DISEASES, 1942 - 1952.

Year	Diphtheria including Membranous Group	Erysipelas	Scarlet Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Other forms of Tuberculosis	Cerebro-Spinal Fever	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Acute Poliomyelitis	Acute Polioencephalitis	Food Poisoning	Total
1942	1		11		9	2			17		5				45
1943	3	2	9		5	2			39	1	9				70
1944	2	2	19		5		1	2	5		2				38
1945	4	2	13		8	5			32	1	3	1			69
1946	1x	1	5		11				8		4				30
1947		2	11		17	4		1	12	3		1	1		52
1948		6	3		14	4			252	2	105	1			387
1949		3	10		12				101	8	23	3			160
1950		3	10	1	13	1			146	1	43	6			224
1951			18		10	3			222	8	7			1	269
1952		1	13		8	2			11	5	36				76

x One diphtheria carrier.

TUBERCULOSIS

New Cases and Mortality during 1952

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1	-	-	-	-	-	-	-	-
1 to 5	-	-	1	-	-	-	-	-
5 to 10	1	-	-	-	-	-	-	-
10 to 15	-	1	1	-	-	-	-	-
15 to 20	1	1	-	-	-	-	-	-
20 to 25	-	-	-	-	-	-	-	-
25 to 35	-	1	-	-	-	-	-	-
35 to 45	1	-	-	-	-	1	-	-
45 to 55	2	-	-	-	-	-	-	-
55 to 65	-	-	-	-	-	-	-	-
65 & upwards	-	-	-	-	-	-	-	-
Totals	5	3	2	-	-	1	-	-
Totals for previous year	3	7	2	1	2	2	-	-

(1) Non-notified deaths :- Pulmonary Tuberculosis Nil

Non-Pulmonary Tuberculosis Nil

Public Health (Prevention of Tuberculosis) Regulations, 1925.

No action has been necessary under these Regulations.

Public Health Act, 1936. Section 172.

No action has been necessary under the above heading.

ANNUAL REPORT OF THE SANITARY INSPECTOR
FOR THE YEAR 1952.

1. Inspection of Dwellinghouses during the Year 1952.

(1) (a)	Number inspected for housing defects (under Public Health or Housing Acts)	25
(b)	Number of inspections made for the purpose	60
(2) (a)	Number of dwelling houses inspected and recorded under Housing Consolidated Regulations	Nil
(b)	Number of inspections made for the purpose	Nil
(3)	Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...	3
(4)	Number of dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	14

2. Remedy of Defects during the year without service of formal notices

Number of dwellinghouses rendered fit as the result of informal action	18
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3. Action under Statutory Powers during the Year.

(1) Proceedings under Public Health Acts:

(a)	Number of dwellinghouses in respect of which notices were served requiring defects to be remedied	Nil
(b)	Number of dwellinghouses in which defects were remedied after service of formal notices	Nil
(2)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936... ..	Nil

Milk.

	Distributors	Dairies
No. on Register at 31st December, 1952	6	-
No. of inspections during the year	2	-
No. of defects or unsatisfactory conditions found	Nil	-
No. of defects or unsatisfactory conditions remedied	Nil	-

Food and Drugs Act, 1938.

Sampling under the above Act is carried out by the Nottinghamshire County Council. The following information has kindly been supplied by T.L.E. Gregory, Esq., (Chief Inspector).

"Report of the Public Analyst appointed for the County of Nottingham upon the Articles analysed by him under the above Act, and of those examined by the Inspectors, taken in the District of Newark Rural District Council during the year 31st December, 1952.

Articles	No. of Samples.	Result.
Almonds, Ground	2	Genuine
Baking Powder	1	"
Borax, powdered	1	"
British Sherry	1	"
Cordial, Blackcurrant	1	"
Cough Sweets	1	"
Gooseberries in Syrup	1	"
Ground Ginger	1	"
Ice Cream	1	"
Lemon Squash	1	"
Milk	53	"
Mincemeat	1	"
Pepper, White	1	"
Pickles	1	"
Rice, Ground	1	"
Rum	1	"
Sauce	1	"
Soup, tinned	1	"
Strawberries in Syrup	1	"
Tapioca	1	"
Tincture of Rhubarb	1	"
Tomato Sauce	1	"
Vinegar, Malt	1	"
Whisky	3	"
	—	—
	79	79
	—	—

Meat and Other Foods Inspection.

Food preparation premises are inspected regularly.

Ice Cream.

Ice Cream is sold, mostly wrapped, from 31 registered premises

Refuse Collection and Disposal.

The Council provide a regular collection by direct labour once a fortnight in all parishes.

The pail closet collection continued during the year unchanged, that is once a week in North and South Collingham and Balderton by direct labour and by contract in Farndon.

Summary of Inspections.

General Sanitation.

Drainage	44	Sewage works	80
Refuse Disposal tips	36	Schools	12
Refuse Collection	47	Water Supply	291
Rats and Mice	20		

Inspection in relation to foods	
Bakehouses	7
Dairies	2
Restaurants	3
General Inspections	
Building Inspections	60
Council house inspections	305
Inspections re Council house tenancy	120
Infectious Disease	
Investigations	11

FACTORIES ACTS, 1937 AND 1948.

PART 1 OF THE ACT.

1. Inspections for purposes of provisions as to health.

	M/c line No. (2)	No. on Reg. (3)	Number of		
			Inspections (4)	Written notices (5)	Occupiers Prosecuted (6)
(1) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities	1	2	Nil	Nil	Nil
11) Factories not included in (1) in which Section 7 is enforced by the Local Authority	2	23	10	1	Nil
111) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	1	Nil	Nil	Nil
TOTAL		26	10	1	Nil

2. Cases in which Defects were found.

(Defects discovered at the premises on two, three or more separate occasions are reckoned as two, three or more "Cases").

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found.			
		Found (3)	Remedied (4)	Referred To H.M. Inspec. (5)	By H.M. Inspec. (6)
Want of cleanliness (S.1)	4	1	1	Nil	Nil
Sanitary Conveniences (S.7)					
(a) Insufficient	9	Nil	1	Nil	1
TOTAL		1	2	Nil	1

PART VIII OF THE ACT.

OUTWORK.

(Section 110)

Nature of Work (1)	M/c line No. (2)	No. of out-workers in August list required by Section 110 (1) (c) (3)
Wearing apparel - Making, etc.	13	1
TOTAL		1

W.M. TAYLOR.

Sanitary Inspector.

